

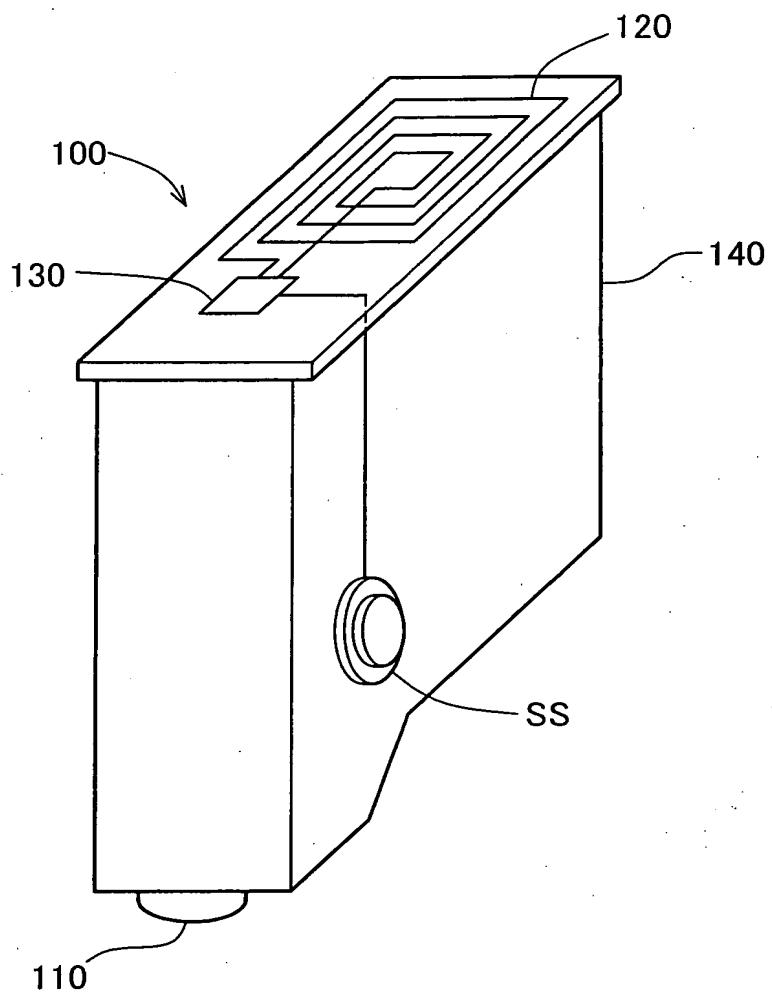
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Inventor: Yuichi Nishihara
For: EXPENDABLE CONTAINER WITH
FUNCTION OF MEASURING ...
Appn. No.: PCT/JP2004/001155
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(212) 806-5400

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Fig. 1



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Fig.2(a)

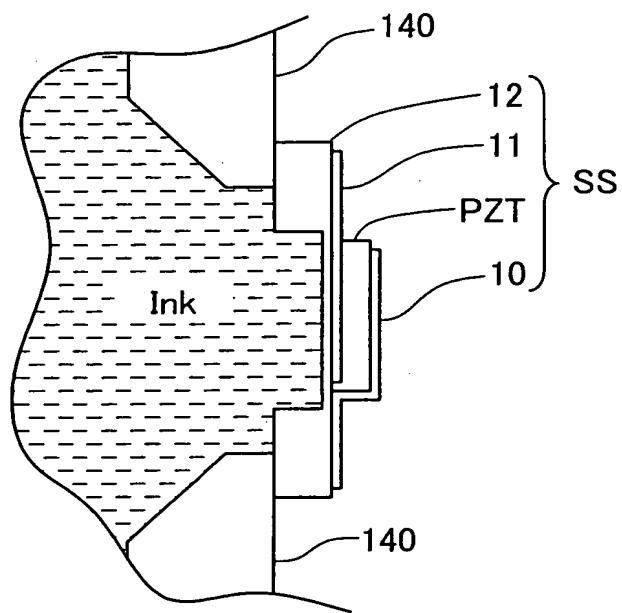
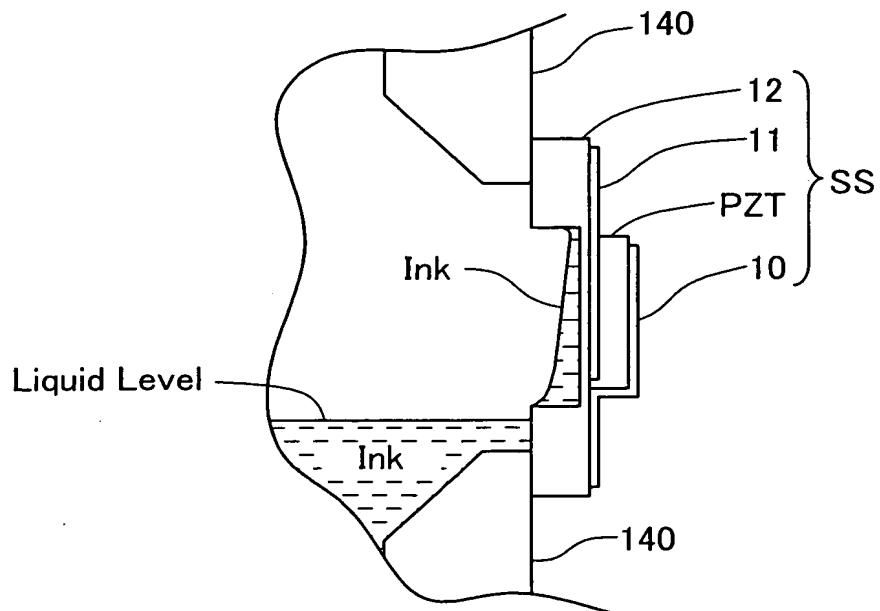


Fig.2(b)

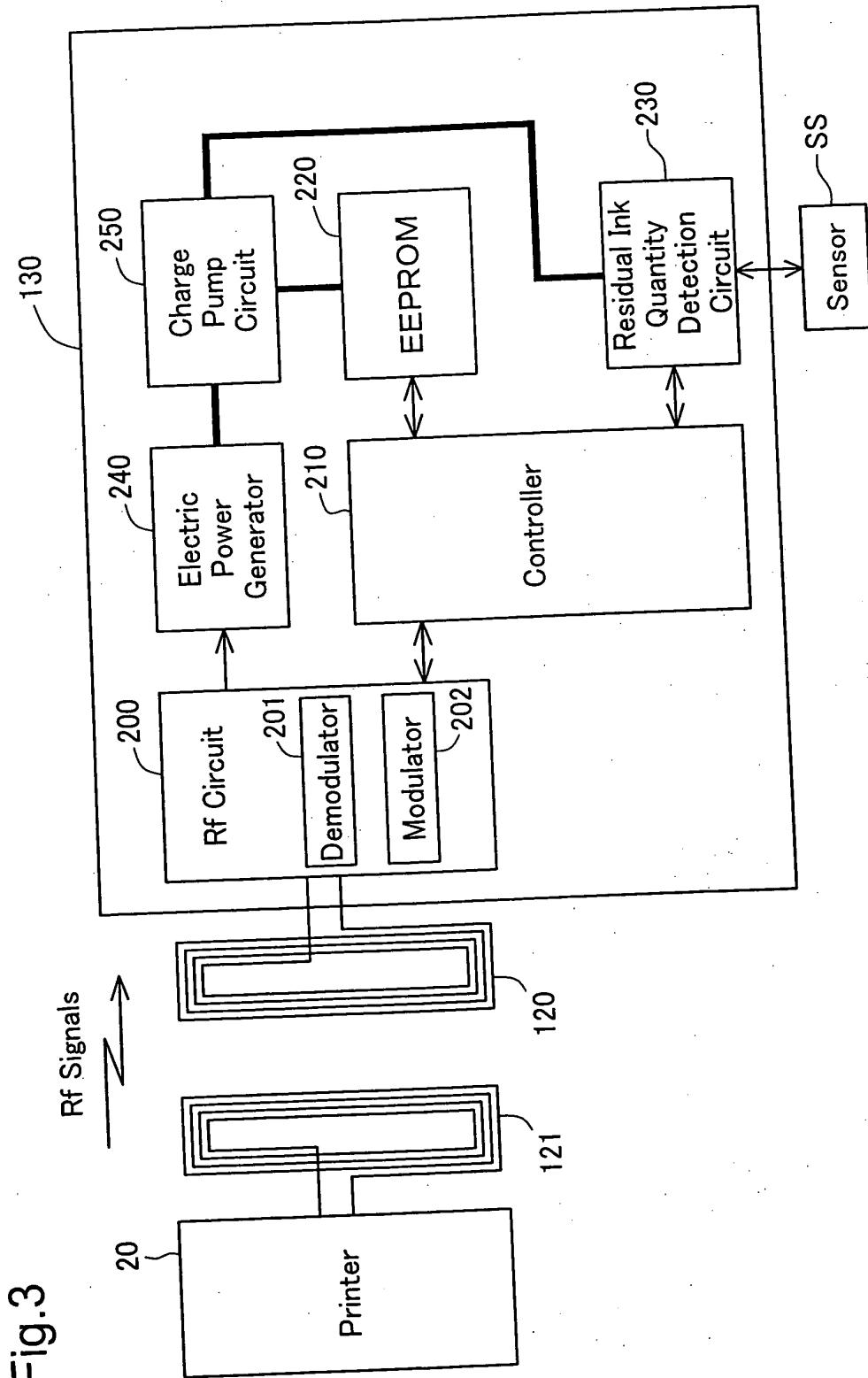


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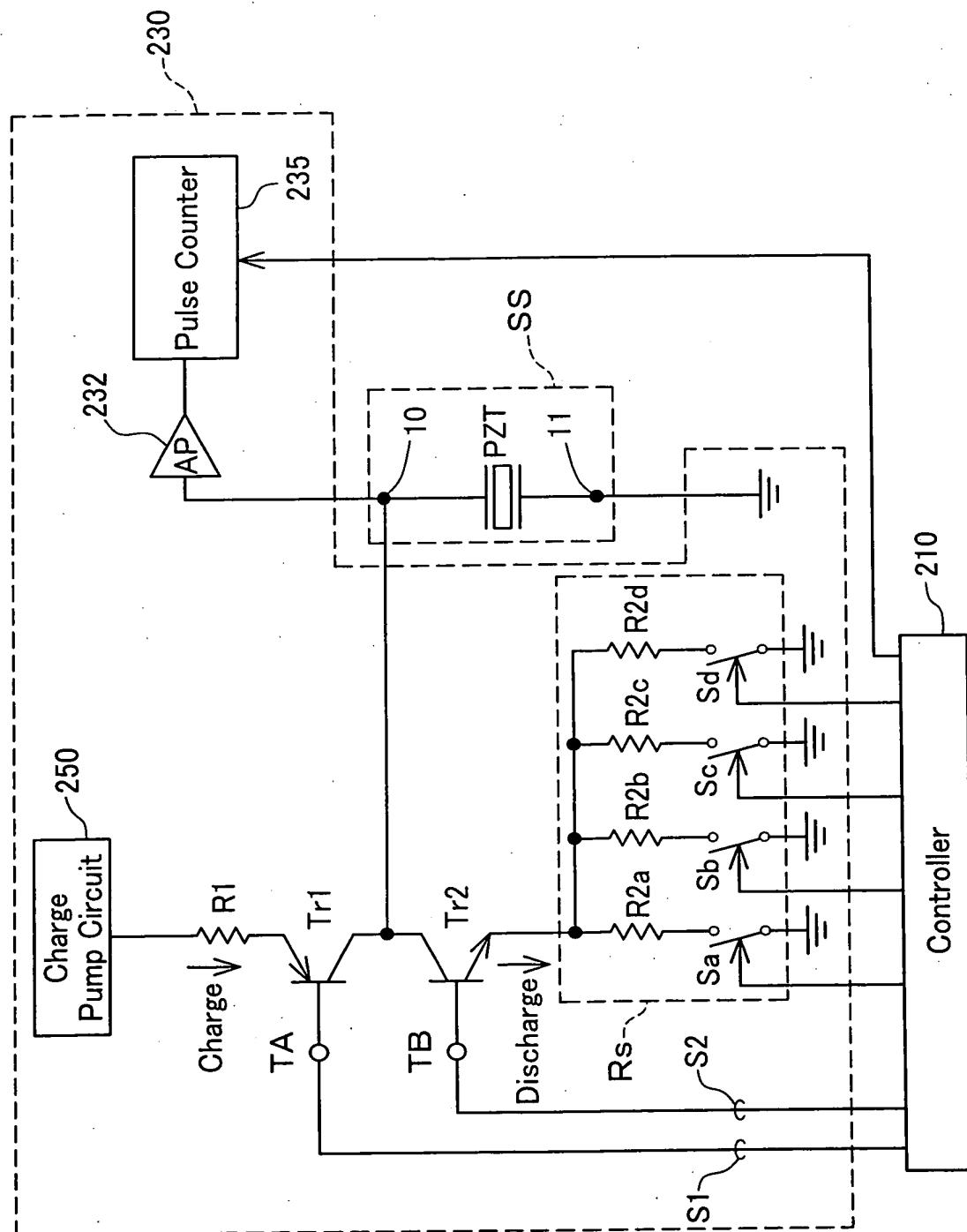


Fig.4

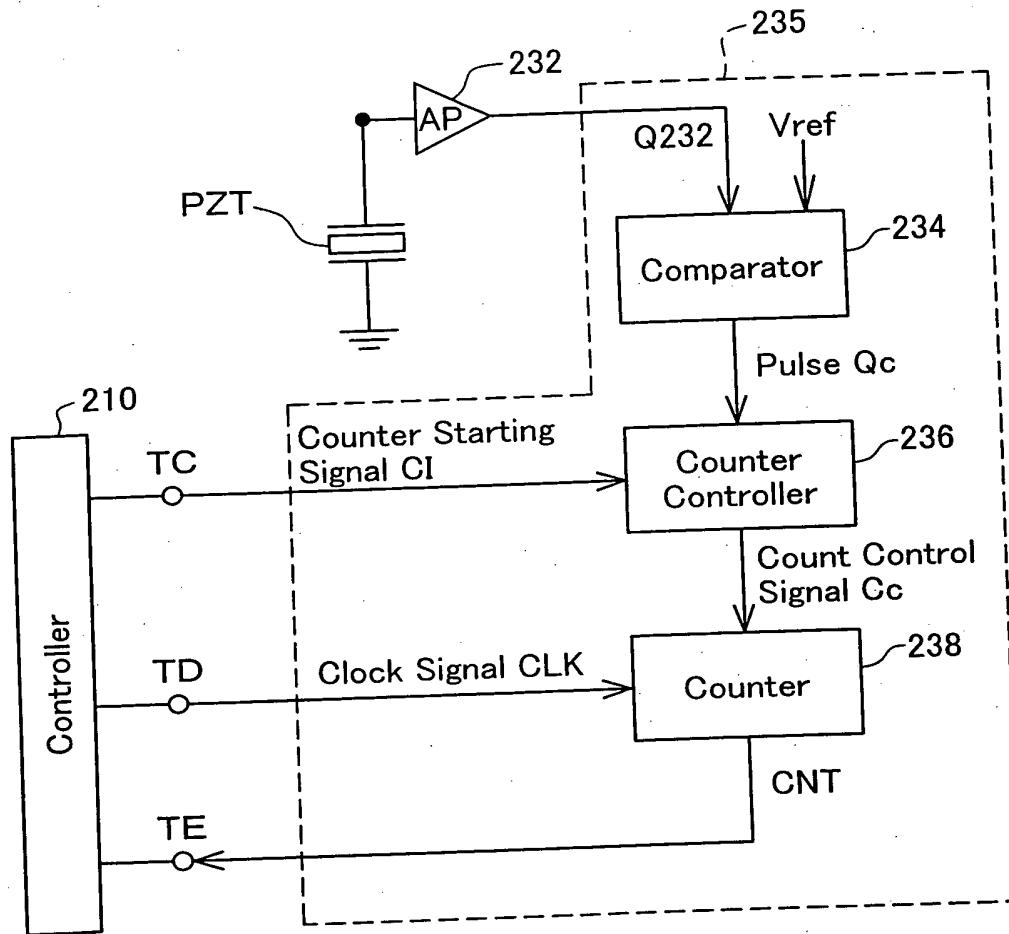
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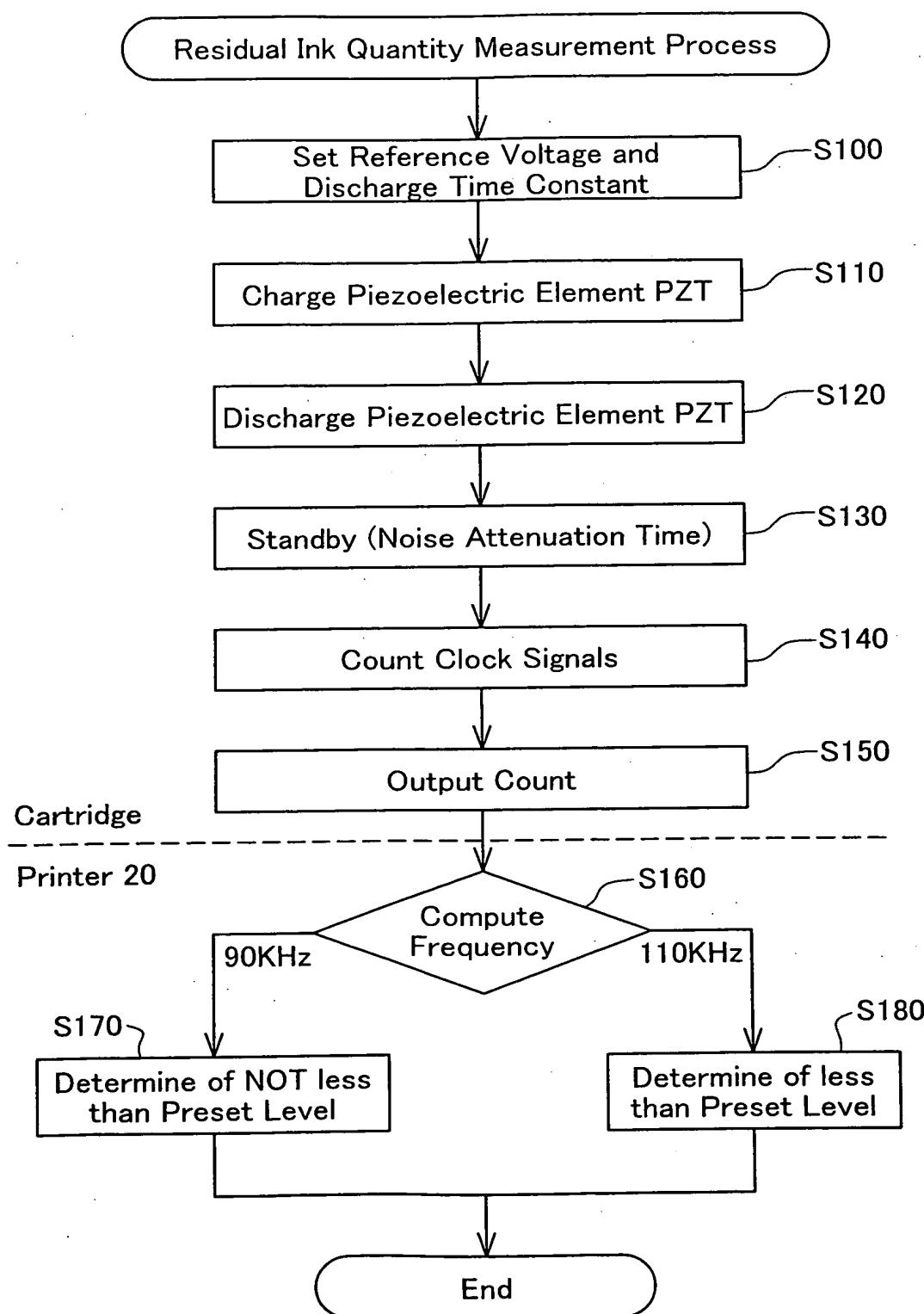
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Fig.5



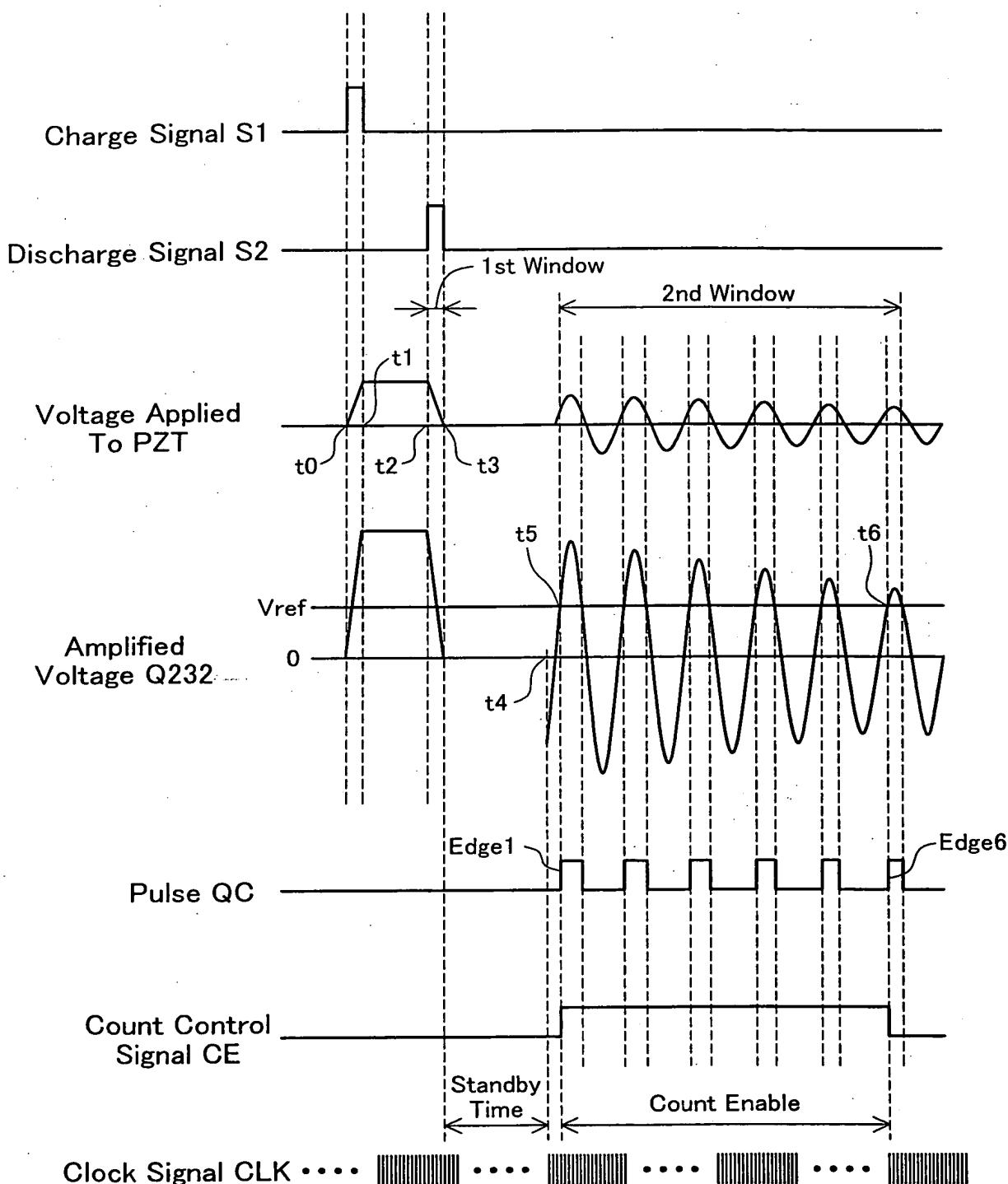
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Fig.6
First Embodiment



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Fig. 7



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Fig.8

Sensor Ranks and Settings of Reference Voltage

Sensor Rank	Reference Voltage
A	4.2
B	4.1
C	3.9
D	3.7
E	3.5
F	3.4
G	3.3
H	3.2

Unit: V

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Fig.9(a)

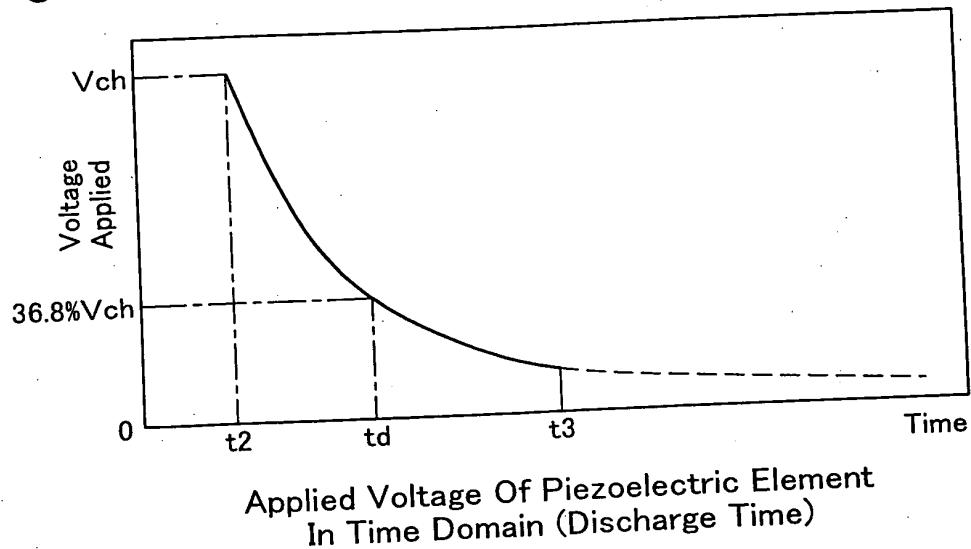
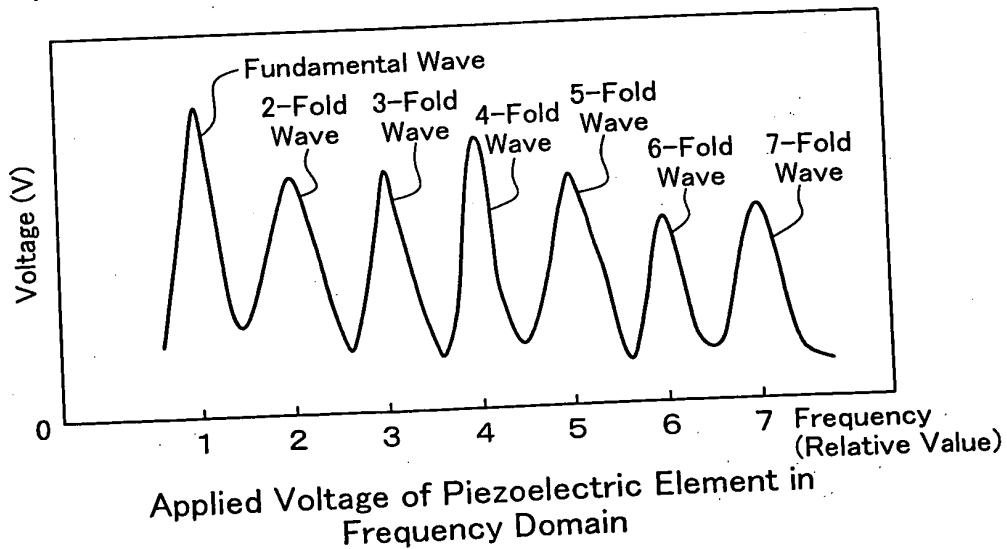


Fig.9(b)



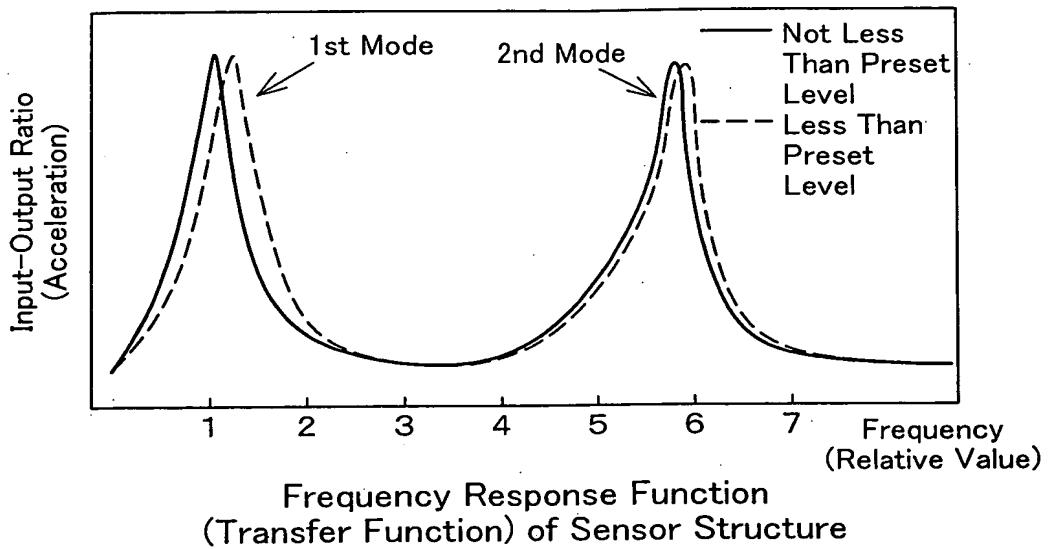
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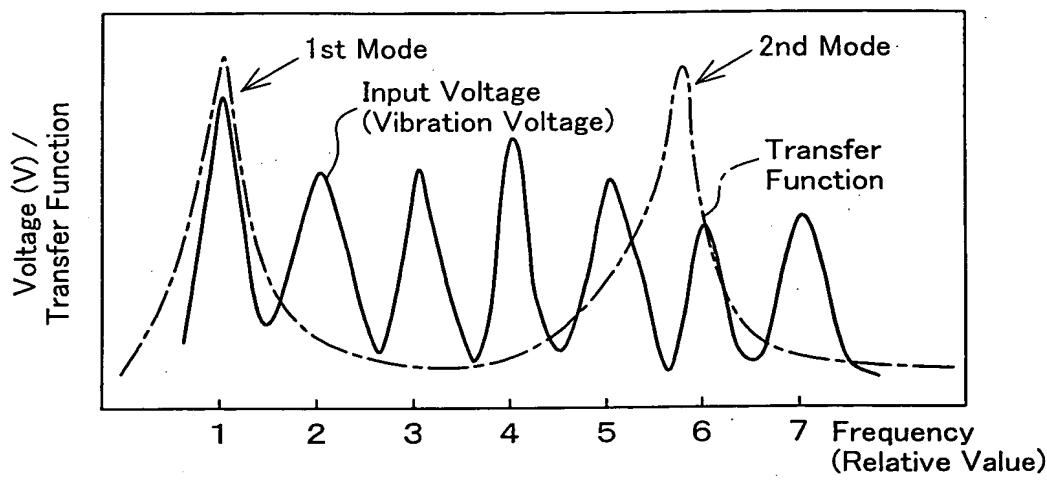
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Fig.10



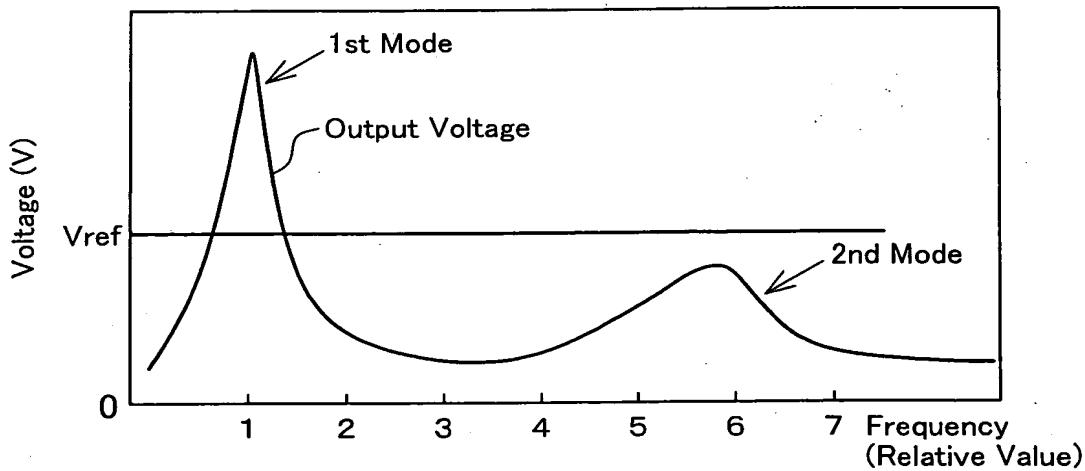
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Fig.11(a)



Vibration Voltage and Transfer Function of Sensor in Frequency Domain

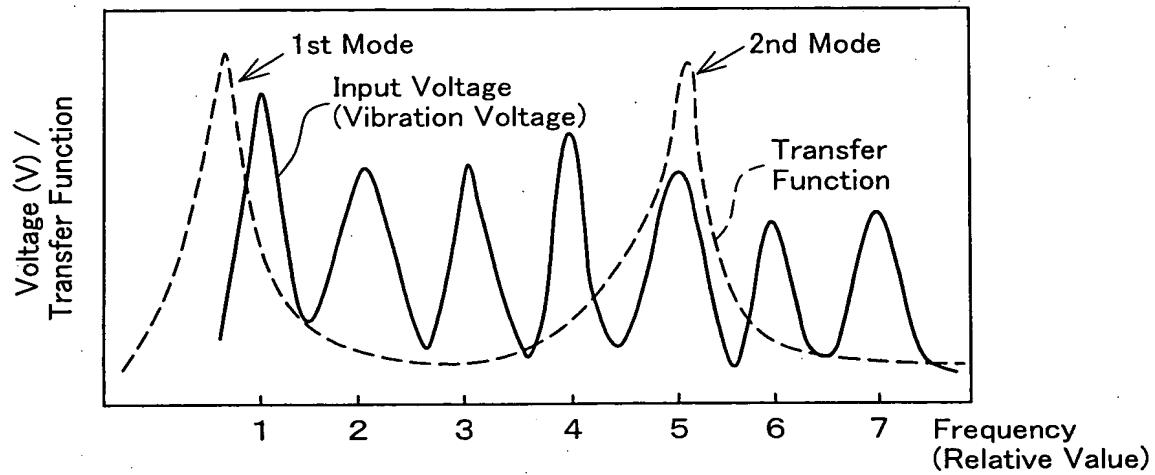
Fig.11(b)



Output Voltage of Sensor in Frequency Domain

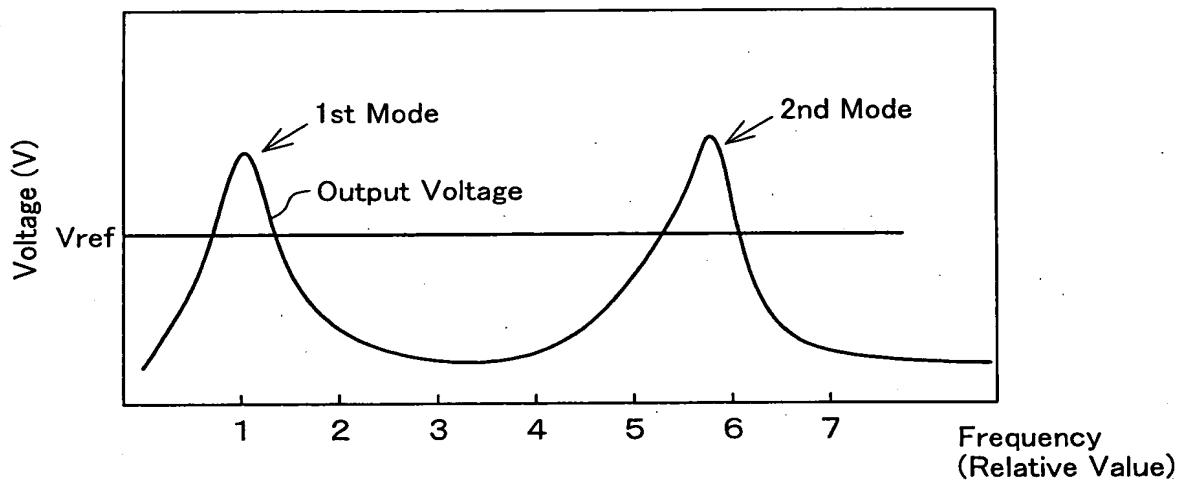
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Fig.12(a)



Vibration Voltage And Transfer Function of
Sensor in Frequency Domain
(Before Regulation)

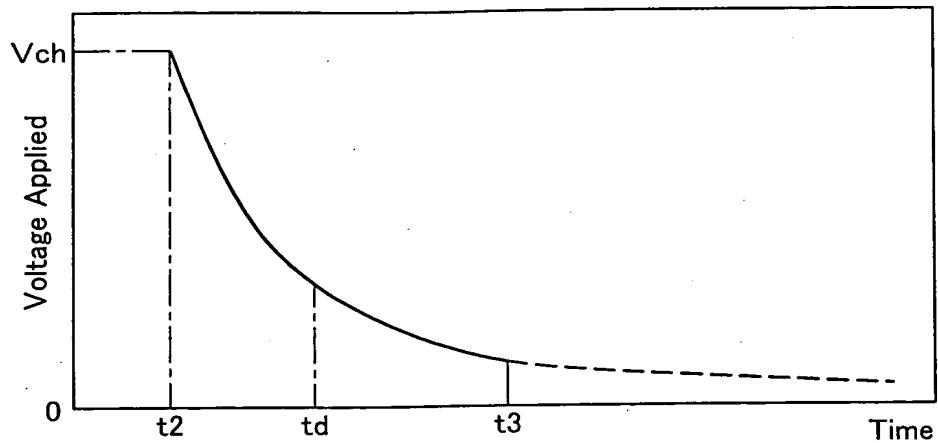
Fig.12(b)



Output Voltage of Sensor in Frequency Domain

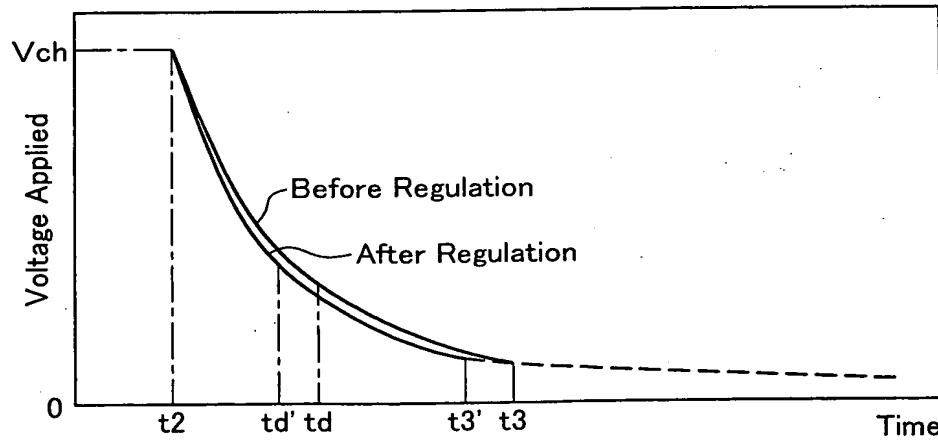
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Fig.13(a)



Applied Voltage of Piezoelectric Element in Time Domain
(Discharge Time)

Fig.13(b)

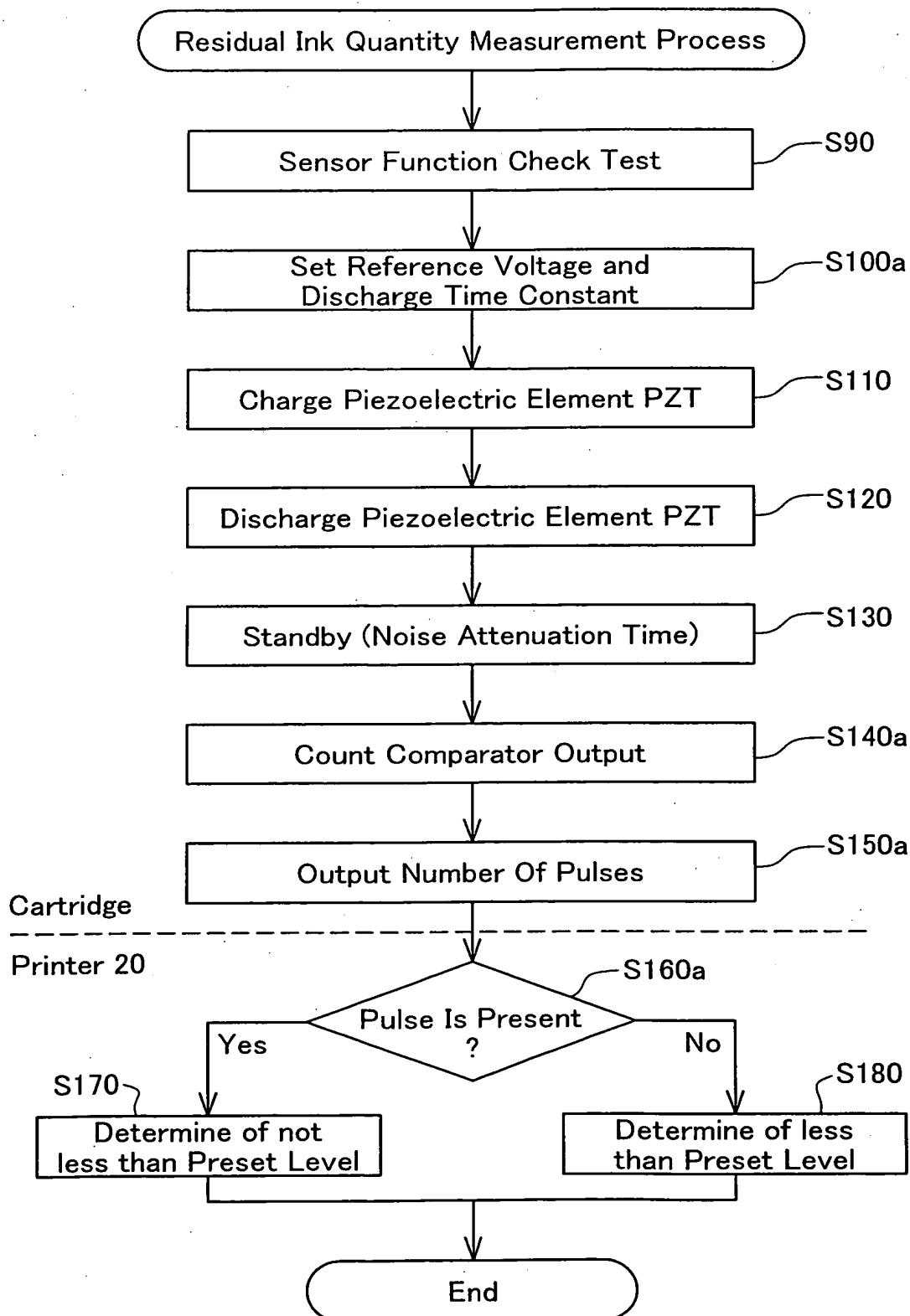


Applied Voltage of Piezoelectric Element in Time Domain
(Discharge Time)

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Fig.14

Second Embodiment



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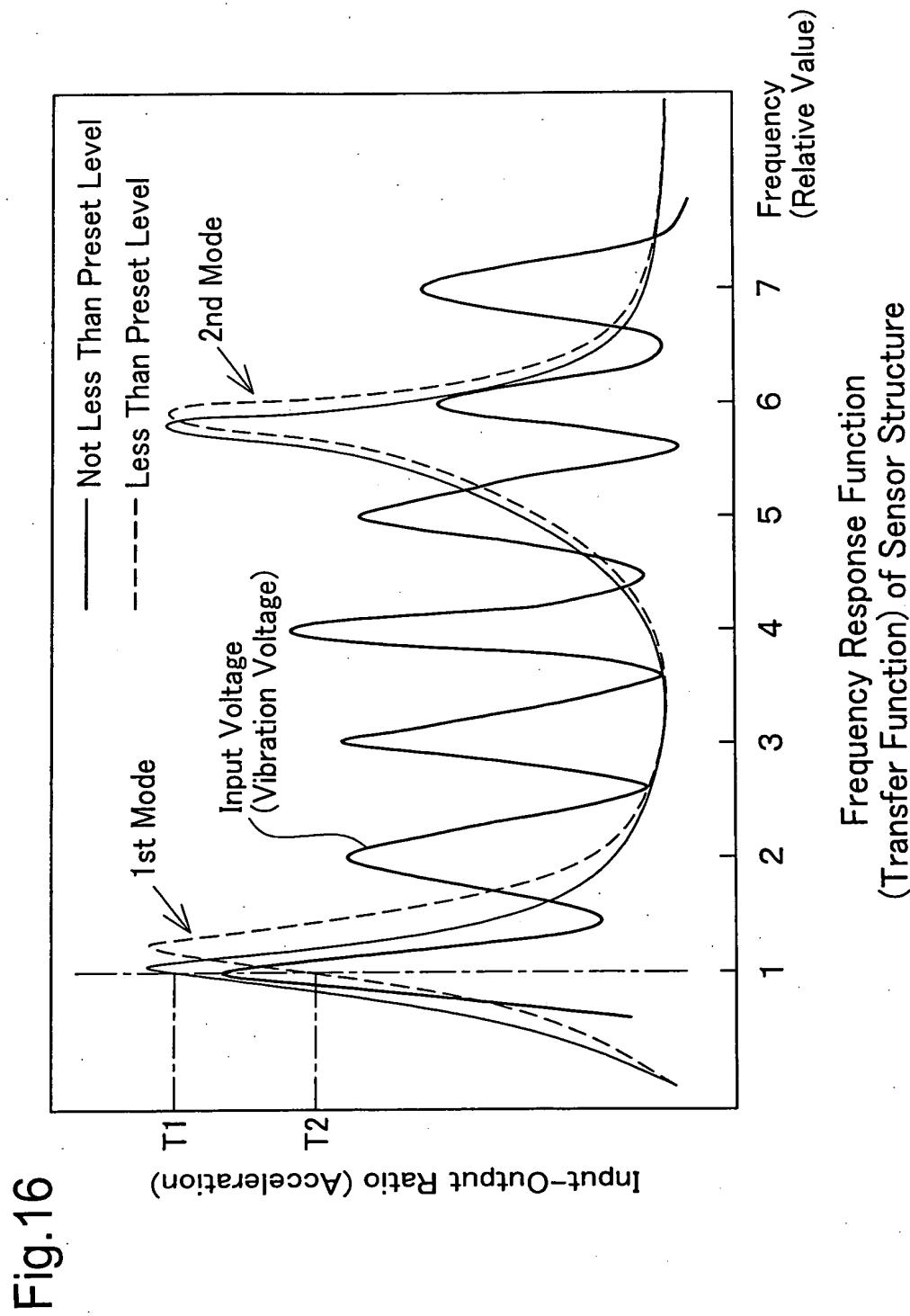
Fig.15

Sensor Ranks And Settings Of Reference Voltage

Sensor Rank	Reference Voltage For Function Check	Reference Voltage For Residual Quantity Detection
A	2.9	4.2
B	2.9	4.1
C	2.8	3.9
D	2.8	3.7
E	2.8	3.5
F	2.7	3.4
G	2.7	3.3
H	2.7	3.2

Unit: V

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